ArmourBridge™ 45

BRIDGE DECK AND WATERPROOFING

STOCK# **7930002**

ROLLS PER PALLET: **32**

PALLET SIZE: **132 cm x 112 cm (52 in x 44 in)**

LENGTH: **8 m (26.2 ft)**

WIDTH: **1005 mm (39.6 in)**

AREA: **8 m² (86.1 ft²)**

MEMBRANE COVERAGE: **7.25 m² (78 ft²)**

THICKNESS: **4.5 mm (177 mils)**

SELVAGE: **90 mm (3.5 in)**

Note: All reported values are nominal.

- SUPERIOR STRENGTH
- WITHSTANDS THE ELEMENTS

IKO® COMMERCIAL®

Specify *with* Confidence.

Reinforced for extra protection, let IKO ArmourBridge 45 Bridge Deck and Waterproofing Membrane go to work for your next commercial building project.

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Granule Coated Surface

Ceramic coated mineral granules are embedded in the product's surface to provide protection against abrasion and work traffic. A light micro-perforated film bonded to the underside of the product disappears after heat welding.

Provides Extra Protection

ArmourBridge 45 Membrane is specifically designed for bridge deck waterproofing, but can also be used in any heat-welded waterproofing membrane application where a rugged, premium membrane is required.

Reinforced for Extra Durability

ArmourBridge 45 Bridge Deck and Waterproofing Membrane is made with a tough non-woven reinforced polyester mat strengthened with select glass fiber strands. It is then coated with select SBS polymers and premium asphalt to a superior thickness of approximately 4.5 mm (177 mils).

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ArmourBridge 45 satisfies the requirements of CSA A123.23 Type B Grade 1.

ISO 9001 - 2015 REGISTERED FACILITY

Please contact your IKO Technical Representative for specific slope requirements.

CHARACTERISTICS	UNITS	SPECIFICATION	TEST METHOD	TYPICAL PERFORMANCE
Strain Energy, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 5.5 (> 31)
Strain Energy, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	CSA A123.23	> 3.0 (> 17)
Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 14 (> 80)
Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	kN/m (lbf/in)	CSA A123.23	ASTM D5147	> 14.8 (> 85)
Elongation at Peak Load, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 40
Elongation at Peak Load, (Before and After Heat Conditioning), @ -18°C (0°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 30
Ultimate Elongation, (Before and After Heat Conditioning), @ 23°C (73.4°F) MD / XD:	%	CSA A123.23	ASTM D5147	> 43
Mass Per Unit Area:	g/m² (lb/ft²)	CSA A123.23	ASTM D5147	3700 (0.75)
Dimensional Stability:	%	CSA A123.23	ASTM D5147	< 1.0
Low Temperature Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -18 (< 0.4)
Low Temp. Weathered Flexibility:	°C (°F)	CSA A123.23	ASTM D5147	< -12 (< 10)
Compound Stability:	°C (°F)	CSA A123.23	ASTM D5147	> 102 (> 215)
Granule Loss:	g (oz)	CSA A123.23	ASTM D5147	< 2 (< 0.07)
Resistance to Puncture:	-	CSA A123.23	CSA A123.23	pass

